DOCUMENT RESUME

ED 425 291 CE 077 508

AUTHOR Martin, Sabrina Budasi; Wilson, Sallie; Aaronson, Joy; Mings-Tennant, Mary Ann

TITLE Suncast Corporation English as a Second Language "Products & Quality" Curriculum Guide.

INSTITUTION Union of Needletrades, Industrial and Textile Employees.; Northeastern Illinois Univ., Chicago. Chicago Teachers' Center.

SPONS AGENCY Office of Vocational and Adult Education (ED), Washington, DC. National Workplace Literacy Program.

PUB DATE 1996-01-00

NOTE 11p.; For related documents, see ED 391 396-400, ED 399 311, ED 401 379, ED 402 464, ED 413 793, and CE 077 501-506 and 509-513.

PUB TYPE Guides - Classroom - Teacher (052)

EDRS PRICE MF01/PC01 Plus Postage.

DESCRIPTORS Adult Basic Education; Basic Skills; Behavioral Objectives; Curriculum Guides; *English (Second Language); Instructional Materials; Job Skills; Learning Activities; *Literacy Education; Machine Tools; *Manufacturing; *Quality Control; Second Language Instruction; Second Language Learning; Vocabulary Development; Vocational Education; *Vocational English (Second Language); *Workplace Literacy

ABSTRACT

This curriculum guide provides materials for a site-specific workplace course in products, machines, and quality for students of English as a second language. Lists of course objectives are provided for preliteracy and Levels 1, 2, and 3. The language skills to be covered, suggested activities, materials needed, and print resources are listed. The products, machines, and quality course vocabulary list is categorized as follows: common defects list for assembly, machines, important words/phrases, work form (rejection ticket), molding department, hose reel department, quality control department, small assembly department, material handlers, and extrusion department. (YLB)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED 425 291

Suncast Corporation
English as a Second Language
"Products & Quality" Curriculum Guide

Worker Education Program
Chicago Teachers' Center of Northeastern Illinois University
and
The Union of Needletrades, Industrial and Textile Employees

Prepared by:
Sabrina Budasi Martin, Program Coordinator
Sallie Wilson & Joy Aaronson, Adult Education Facilitators
Mary Ann Mings-Tennant, Suncast Training Coordinator

January 1996

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
☑ This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

CE 071 508

BEST COPY AVAILABLE

PRODUCTS, MACHINES & QUALITY

Course Objectives

Pre-literacy

1. State and write personal information (name, addresss, phone number, social security number...)
2. State and write name of company, department and job performed at Suncast.
3. Name and identify 2 products manufactured at Suncast.
4. Name and Identify 2 product components assembled at Suncast.
5. Name and identify 2 machines used to manufacture products at Suncast.
6. Name and identify 2 machine parts at Suncast.
7. Name and identify 2 tools used at Suncast.
8. Name and identify 2 possible defects.

Level I

1. Name and identify 4 products manufactured at Suncast.
2. Name and Identify 4 product components assembled at Suncast.
3. Name and identify 4 machines used to manufacture products at Suncast.
4. Name and identify 4 machine parts at Suncast.
5. Name and identify 4 tools used at Suncast.
6. Name and identify 4 possible defects.
7. State at least 4 problems that can occur with products and parts, (i.e. I have a problem with...).

Course Objectives

Level II

1. Name and identify 8 products manufactured at Suncast.
2. Name and Identify 8 product components assembled at Suncast.
3. Name and identify 8 machines used to manufacture products at Suncast.
4. Name and identify 8 machine parts at Suncast.
5. Name and identify 8 tools used at Suncast.
6. Name and identify 8 possible defects.
7. Ask and answer 3 questions about quality from supervisor or manager.

Level III

1. Name and Identify 12 Suncast products, product components, machines, machine parts and tools.
2. Name and identify 12 possible defects with Suncast products and fill out a rejection slip.
3. Ask & answer questions about quality.
4. Define six quality issues.
5. Receive and respond to feedback given on quality issues.

Language Skills

- Personal pronouns (I, you, he, she, it, we, they)
- Simple present and present continuous tense
  - to be
  - to have
  - to work
  - to stick
  - to inspect
  - to slide
  - to check
  - to operate
- Negative with - to be (is not/isn't)
- Question words (who, what, where, when, how, how many, how much, how long, why)
- Prepositions (in, on, under, next to)
- This/that is ... because ...
- Suncast specific vocabulary - See pages 5-8

Activities

- Flash cards
- Matching words and picture
- Vocabulary practice/review games (Bingo, Concentration, Go Fish) for Suncast products & product components...
- Cloze exercises
- Language Experience Approach
- Role play asking & answering questions - Responding to feedback
- Guest speakers - supervisors discuss products/machines & quality control issues

Materials

- Flash cards
- Examples of both defective & good parts
- Suncast products and product components
- Tools used at Suncast
- Suncast Rejection slip
- Owner's Manuals for products (hosereels, edging, lockers)
- Suncast product catalogues
- Bill of Material
- UPC & product I.D. labels

Resources

Working in English Book I:	Chapters 1, 3, 6, 7, 9
Working in English Book II:	Chapters 1, 6, 7, p. 35
Reading Skills That Work:	Lesson 1, 3
Speaking up at Work:	Unit 1, 3, pp. 97-103
Day by Day:	pp. 24-35, 54-62, 74, 76

Products, Machines & Quality Vocabulary

Common Defects List for Assembly * Most Important

* missing	short shots	wrong
sink	under/oversize	shiny
dull	cracked	crooked
dirty	don't fit	* flash
sharp flash	rusty	kink
brittle parts	failed	open bag
* mixed	out of round	aligned
distortion	too close to edge	color streaks
holes filled	* knock out pin	* splay
screws aren't all the way in	hole isn't drilled	unglued
O.D. (outside dimension)	I.D. or inside dimension	torn
leaks	flow lines	scratches
printing isn't legible	spots	broken
burst		

Machines

molding machine	fork lift
extruder	assembly line

Important Words/Phrases

I forgot my Kronos card.	What is the rate per hour on this job?
I forgot to punch in/out.	I need a bill of material for this job.
I am going to break.	How many operators does it take for this job?
The parts are coming out bad.	System
Production line	Inventory

Work Form • Rejection Ticket

part name
part number (#)
date
shift
use as is
QA Department
vendor
machine
line
other
containers
total pieces
sample
defect
reason for rejection
specification
dimension
function
appearance
regrind
throw out
rework

Molding Department

inspect
sort
trim
assemble
pack
correct
take
insert
pick-up
crimp
lock
coil
runner
gate
cosmetic defect
color marks
sink
warping
flowline
gaylord
screwdriver (airdriver)
pick-up wand
cells
hose reel frame
stack pattern
fasteners
lockers

Hose Reel Department

flanges
hose reel
o-ring
reel cross
frame
handle
front brace
back brace
crank
connectors
pins
parts bag
inside reel
side frame
axel
front braces
manual
insert
automatic tape machine
scale
label
box
skid
hose
screws
adapter
outside reel
air gauge
wheel
irregularities

Quality Control Department

part bag
hose reels
driver
kinked hoses
rust
connector
spin-out tube
bows
palm button
print out
fixture
crimper
final bin
hole
tubes
kitveyor
lot
tube
sink
metal wand flairing
cinch nut
material handler
valve body
unit
boot pedal
date code

Small Assembly Department

spin weld
slide
package
form
cavity
sidewinder bag
accessory adapter
rails
air press
seal machine
female faucet adapter
side winder
tighten
salvage
pick up
robot
booster seal pack
blister card
spin tight wrench
sleeve
sonic welder
blister
male connector

Material Handlers

position
count
remove
set aside
perform
assist
set up
load
staging area
line stoppage
rubbish
housekeeping duties
weigh
collect
transfer
deliver
follow
report
move
operate
assembly line
paring knife
skids

The balance left to make is...
Please be careful...

Make sure that the press/part number on the label is correct.

Do not write down the time for a part when the mat-con computer is down.

Extrusion Department

check
bleed
regrind
recycle
throw
edging
water marks
contamination
cutter
head of extruder
heater band
air blow off
conveyor
machine feeder
blender
materal handler
buckets

collapse
stretch wrap
mix
sample
holes
collapse
lines
caliper
extruder
die
vacuum tank
puller
connector bin
spools
shuttler
skid
moisture